

INTERNATIONAL SEARCH REPORT

GB2004/003331

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L12/28 H04L12/26

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC, COMPENDEX, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01/89142 A (ELLIOT RICHARD JOHN ; BAND X LTD (GB); PANTER NIGEL (GB); PANTER TIMOT) 22 November 2001 (2001-11-22) abstract page 2, line 6 - page 3, line 9 page 5, line 6 - line 27 page 6, line 14 - line 18 page 30, line 7 - line 17 page 31, line 10 - page 32, line 3 page 34, line 29 - page 35, line 18 page 35, line 30 - line 31 page 36, line 11 - page 38, line 21	1-18
A	DE 101 25 017 A (SIEMENS AG) 5 December 2002 (2002-12-05) abstract claim 1 paragraph '0034! - paragraph '0038! ----- -/--	1-18

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- 'A' document defining the general state of the art which is not considered to be of particular relevance
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- 'O' document referring to an oral disclosure, use, exhibition or other means
- 'P' document published prior to the international filing date but later than the priority date claimed

- 'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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Date of the actual completion of the international search

28 September 2004

Date of mailing of the international search report

05/10/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 560 334 B1 (HAAS JR ROBERT EXUM ET AL) 6 May 2003 (2003-05-06) abstract claims 1,2	1-18
A	US 6 452 922 B1 (HO ANTHONY) 17 September 2002 (2002-09-17) abstract claims 1,3 figure 3	1-18

INTERNATIONAL SEARCH REPORT

Information on patent family members

GB2004/003331

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0189142	A	22-11-2001	AU 5853401 A	26-11-2001
			EP 1284066 A2	19-02-2003
			WO 0189142 A2	22-11-2001
			GB 2363285 A ,B	12-12-2001
			GB 2382950 A ,B	11-06-2003
			US 2003191841 A1	09-10-2003
DE 10125017	A	05-12-2002	DE 10125017 A1	05-12-2002
			WO 02095637 A2	28-11-2002
US 6560334	B1	06-05-2003	US 6028928 A	22-02-2000
			BR 9812548 A	25-07-2000
			CA 2302583 A1	08-04-1999
			WO 9917558 A1	08-04-1999
US 6452922	B1	17-09-2002	AT 260008 T	15-03-2004
			AU 4687599 A	05-01-2000
			CA 2335360 A1	23-12-1999
			DE 69914905 D1	25-03-2004
			DE 69914905 T2	29-07-2004
			EP 1086557 A1	28-03-2001
			JP 2002524890 T	06-08-2002
			WO 9966682 A1	23-12-1999
			US 6717937 B1	06-04-2004
			US 2004179515 A1	16-09-2004